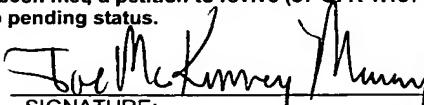


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| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>  |  | ATTORNEY'S DOCKET NUMBER<br><b>0104-0497PUS</b>                     |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/SE2003/000722</b>  | INTERNATIONAL FILING DATE<br><b>6 May 2003</b> | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>10/519495</b> |
| TITLE OF INVENTION<br><b>AN IMPLANT AND A METHOD FOR TREATING AN IMPLANT SURFACE</b>   |  | PRIORITY DATE CLAIMED<br><b>19 July 2002</b>                        |
| APPLICANT(S) FOR DO/EO/US<br><b>Ingela PETERSSON; Kristina JUNEMO-BOSTRÖM; Gunilla JOHANSSON-RUDÉN; Fredrik ANDERSSON; and Stig HANSSON</b>  |  |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |   |
| <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li><input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li> <li><input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li><input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> </ol> |  |   |
| Items 11 to 20 below concern document(s) or information included:  |  |   |
| <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input checked="" type="checkbox"/> A preliminary amendment.</li> <li><input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li><input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li><input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li><input checked="" type="checkbox"/> Other items or information: PCT/IPEA/409; PCT/ISA/210; Drawings - Ten (10) Sheets</li> </ol>   |  |   |

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| U.S. APPLICATION NO. (If known see 37 CFR 1.495)<br><b>10/5619495</b>  |                             | INTERNATIONAL APPLICATION NO.<br>PCT/SE2003/000722                            |   | ATTORNEY'S DOCKET NUMBER<br>0104-0497PUS |                 |
| 21. The following fees are submitted:  |                             |   |   | Applicant Use                            | Office Use Only |
| <input checked="" type="checkbox"/>  | a) Basic national fee ..... | \$300.00  |   | \$ 300.00                                |                 |
| <input checked="" type="checkbox"/>  | b) Examination fee .....    | \$200.00  |   | \$ 200.00                                |                 |
| <input checked="" type="checkbox"/>  | c) Search fee .....         | \$500.00  |   | \$ 500.00                                |                 |
| <b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b>   |                             |   |   | \$ 1,000.00                              |                 |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |                             |   |   |  |                 |
| Total Sheets   | Extra sheets                | Number of each additional 50 or fraction thereof (round up to a whole number) |   | RATE                                     |                 |
| 35 - 100 =   | /50 =                       |   |   | x \$250.00                               |                 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).  |                             |   |   | \$ 130.00                                |                 |
| <b>CLAIMS</b> <b>NUMBER FILED</b> <b>NUMBER EXTRA</b> <b>RATE</b>  |                             |   |   |  |                 |
| Total claims   | 20 - 20 =                   |   | x | \$                                       |                 |
| Independent claims   | 2 - 3 =                     |   | x | \$                                       |                 |
| <b>MULTIPLE DEPENDENT CLAIM(s) (if applicable)</b>   |                             |   |   | +  | \$              |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |                             |   |   | \$ 1,130.00                              |                 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.   |                             |   |   | \$                                       |                 |
| <b>SUBTOTAL =</b>  |                             |   |   | \$ 1,130.00                              |                 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).   |                             |   |   | \$                                       |                 |
| <b>TOTAL NATIONAL FEE =</b>  |                             |   |   | \$ 1,130.00                              |                 |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  |                             |   |   | \$                                       |                 |
| <b>TOTAL FEES ENCLOSED =</b>   |                             |   |   | \$ 1,130.00                              |                 |
| Amount to be refunded:   |                             |   |   | \$                                       |                 |
| Amount to be charged:  |                             |   |   | \$                                       |                 |
| <p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1,130.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-2448</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p> |                             |   |   |  |                 |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.  |                             |   |   |  |                 |
| SEND ALL CORRESPONDENCE TO:  |                             |   |   |  |                 |
| <br>SIGNATURE:<br>Joe McKinney Muncy   |                             |   |   |  |                 |
| NAME _____   |                             |   |   |  |                 |
| CUSTOMER NUMBER: 02292   |                             |   |   |  |                 |
| December 30, 2004  |                             |   |   |  |                 |
| /clb   |                             |   |   |  |                 |
| 32,334 REGISTRATION NUMBER   |                             |   |   |  |                 |